

Claims

1. A computer system for input of Indic text, the computer system comprising a screen and a data entry device for screen-based data entry, the computer system being adapted to simultaneously run an Indic text entry program and application software adapted to receive Indic text, the computer system including a screen and a data entry device for screen-based data entry,

the Indic text entry program, when run by the computer system:

- (i) generating a graphical user interface on the screen,
- (ii) upon a user successively selecting Indic characters using the data input device and the graphical user interface, presenting the successively selected characters in a display area of the graphical user interface,
- (iii) comparing the selected characters to a dictionary of items, and presenting to the user items from the dictionary are compatible with the selected characters;
- (iv) upon the user selecting one of the presented items, registering the selection; and
- (v) upon a command from the user, transferring the text to the application software.

2. A computer system according to claim 1 in which the graphical user interface presents the user with a number of first characters, the text entry program, upon selecting one of the first characters, presenting the user with one or more modifier characters compatible with the first character, and upon the user selecting one of the modifier characters, forming a combination of the first character with the modifier character.

3. A computer system according to claim 1 or claim 2 in which, when there are multiple items in the dictionary which are compatible with the selected characters, the text entry program presents only a selection of them to the user based on a frequency index associated with each item.
4. A computer system according to claim 3 which is operative to enable the user to vary the selection of compatible items.
5. A computer system according to claim 3 or claim 4 in which the text entry program orders the selected items according to the frequency index with the highest frequency words appearing at the top.
6. A computer system according to any preceding claim further including a keyboard for inputting additional text into the application software.
7. A computer system according to claim 6 in which the keyboard is a Roman alphabet keyboard.
8. A computer system according to any preceding claim in which the application software is one of Wordpad, Microsoft Word, Notepad, Yahoo chat, or Hotmail Messenger.
9. A Indic text entry program to be run on a computer system simultaneously with application software adapted to receive Indic text, the computer system including a screen and a data entry device for screen-based data entry,  
the Indic text entry program when run by the computer system  
(i) generating a graphical user interface on the screen,

(ii) upon a user successively selecting Indic characters using the data input device and the graphical user interface, presenting the successively selected characters in the graphical user interface, and

(iii) comparing the selected characters to a dictionary of items, and presenting to the user items from the dictionary are compatible with the selected characters;

(iv) upon the user selecting one of the presented items, registering the selection; and

(v) upon a command from the user, transferring the text to the application software.